

Species Tag:	63009	Name:	HO ₂ NO
Version:	1		peroxynitrous acid
Date:	Feb. 2004		
Contributor:	B. J. Drouin		gs
Lines Listed:	47430	Q(300.0)=	27981.3303
Freq. (GHz) <	1500	Q(225.0)=	18166.1584
Max. J:	99	Q(150.0)=	9884.5447
LOGSTR0=	-12.0	Q(75.00)=	3494.7923
LOGSTR1=	-10.0	Q(37.50)=	1236.7578
Isotope Corr.:	0.	Q(18.75)=	438.2797
Egy. (cm ⁻¹) >	0.0	Q(9.375)=	155.7157
μ_a =	0.66	A=	21406.39300
μ_b =	1.14	B=	7948.05399
μ_c =	0.00	C=	5791.00173

The experimental frequencies are from B. J. Drouin, J. Frye C. E. Miller, 2004, J. Chem. Phys.**120** *p. tbd.* The total dipole moment is from B. D. Bean, A. K. Mollner, S. A. Nizkorodov, G. Nair, M. Okumura, S. P. Sander, K. A. Peterson, J. S. Francisco, J. Phys. Chem. A **107**, 6974, 2003 the components along the *a* and *b* axes are adjusted to fit measured intensity ratios.